

## SEQUENCE LISTING

&lt;110&gt; Novozymes A/S

&lt;120&gt; Preparation of Dough-Based Product

&lt;130&gt; 10581-WO

&lt;160&gt; 4

&lt;170&gt; PatentIn version 3.2

&lt;210&gt; 1

&lt;211&gt; 781

&lt;212&gt; DNA

&lt;213&gt; Bacillus halodurans

&lt;220&gt;

&lt;221&gt; CDS

&lt;222&gt; (58)..(687)

&lt;220&gt;

&lt;221&gt; sig\_peptide

&lt;222&gt; (58)..(141)

&lt;220&gt;

&lt;221&gt; mat\_peptide

&lt;222&gt; (142)..(687)

&lt;400&gt; 1

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Met	Phe	Lys	Phe	Val	Thr	Lys	Val	Leu	Thr	Val	Val	Ile	Ala	Ala	Thr	
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Ile	Ser	Phe	Cys	Leu	Ser	Ala	Val	Pro	Ala	Ser	Ala	Asn	Thr	Tyr	Trp	
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			40					45					50			

gct	ggg	gtc	tgg	gaa	ccg	tct	gga	aat	gga	tat	ttg	act	ctc	tat	ggg	345
Ala	Gly	Val	Trp	Glu	Pro	Ser	Gly	Asn	Gly	Tyr	Leu	Thr	Leu	Tyr	Gly	
		55					60					65				

tgg	aca	agg	aat	cag	ctc	ata	gaa	tat	tat	gtc	ggt	gat	aat	tgg	gga	393
Trp	Thr	Arg	Asn	Gln	Leu	Ile	Glu	Tyr	Tyr	Val	Val	Asp	Asn	Trp	Gly	
	70				75					80						

act	tac	aga	cct	act	gga	acc	cat	cga	ggc	acc	ggt	gtc	agt	gat	ggg	441
Thr	Tyr	Arg	Pro	Thr	Gly	Thr	His	Arg	Gly	Thr	Val	Val	Ser	Asp	Gly	
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Gly	Thr	Tyr	Asp	Ile	Tyr	Thr	Thr	Met	Arg	Tyr	Asn	Ala	Pro	Ser	Ile	
				105					110					115		

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 Asp Gly Thr Gln Thr Phe Gln Gln Phe Trp Ser Val Arg Gln Ser Lys  
 120 125 130

aga ccg act gga aat aac gtt agc att acg ttt agc aac cac gtg aat 585  
 Arg Pro Thr Gly Asn Asn Val Ser Ile Thr Phe Ser Asn His Val Asn  
 135 140 145

gcg tgg aga aat gca gga atg aat ctg gga agt agt tgg tct tac cag 633  
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 150 155 160

gta tta gca aca gaa ggc tat caa agt agc ggg aga tcg aat gta acg 681  
 Val Leu Ala Thr Glu Gly Tyr Gln Ser Ser Gly Arg Ser Asn Val Thr  
 165 170 175 180

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Gly Lys Gly Trp Glu Ile Gly Ser Pro Asn Arg Thr Ile His Tyr Asn  
 40 45 50

Ala Gly Val Trp Glu Pro Ser Gly Asn Gly Tyr Leu Thr Leu Tyr Gly  
 55 60 65

Trp Thr Arg Asn Gln Leu Ile Glu Tyr Tyr Val Val Asp Asn Trp Gly  
 70 75 80

Thr Tyr Arg Pro Thr Gly Thr His Arg Gly Thr Val Val Ser Asp Gly  
 85 90 95 100

Gly Thr Tyr Asp Ile Tyr Thr Thr Met Arg Tyr Asn Ala Pro Ser Ile  
 105 110 115

Asp Gly Thr Gln Thr Phe Gln Gln Phe Trp Ser Val Arg Gln Ser Lys  
 Page 2

120                      125                      130  
 Arg Pro Thr Gly Asn Asn Val Ser Ile Thr Phe Ser Asn His Val Asn  
                          135                      140                      145  
 Ala Trp Arg Asn Ala Gly Met Asn Leu Gly Ser Ser Trp Ser Tyr Gln  
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51